Xproseal™ SEALANT Technical Data Sheet – Xproseal 201

Introduction	**Xproseal 201** is a one-component water-based acrylic sealant. It can be used for cracks in the exterior walls of buildings, filling gaps in the interior walls, and interior soundproofing sealing. It is used in areas that require rapid hardening and excellent durability.
Application	▪ Sealing and bonding in the building and construction industry. ▪ Bonding of pieces on the most substrates. ▪ Elastic structural bonding in car and container industry
Features & Benefits	▪ No corrosive by-products generated. ▪ Excellent workability ▪ Ease of application : Ready to use as supplied ▪ Excellent adhesion to most substrates. ▪ Maintains elasticity even after curing. ▪ Paintability ▪ One-component & Non-slump
Typical Properties	See table below ※ Test conditions - Temperature: 73°F, Humidity: RH50% Notice 1) This representative results were obtained from the Xproseal laboratory. Results may vary depending on storage conditions or testing method. Notice 2) If you want to use it for a different purpose, be sure to inquire before using it.
Restrictions on use	**Use is prohibited under the following conditions.** ▪ Materials that cause oil, plasticizer, tar, wax, and other contaminants to break out and cause poor adhesion and discoloration (ex. Butyl, hot melt (glue gun), etc.) ▪ When the temperature of the adherend is below 41°F or above 125°F ▪ Space with low air flow ▪ When the adherend is wet ▪ Submerged areas (bathroom, fish tank, etc.) ▪ Areas expected to come in contact with food ▪ High pressure generation area/fire protection area ▪ Area where movement occurs continuously due to physical friction

Property	Unit	Data
Main binder	-	Acrylic resin
Color	-	Milky white
Tack free time	h	≤ 1
Specific gravity	-	1.6 ± 0.1
Tensile strength	MPa	0.8 ~ 1.2
Elongation at break	%	150 ~ 250

	▪ For structural use, for lexan, for double-layer glass
Shelf life	1 year from date of manufacture
Packaging	300 mL (10.1oz) Cartridge (25pcs / BOX)
Storage	▪ Store in a cool, dry place at (41 ~ 77) °F out of reach of children. ※ If exposed to direct sunlight or if storage temperature is not controlled, quality may deteriorate even within the expiration date.
Application method	1. Substrate surface preparation ① Remove dust, oil, moisture, polishing residue, and other residues attached to the joint from the construction area. ② After cleaning the contaminated area with solvent using a cloth, be sure to wipe it with a clean cloth. 2. Inserting backup material ① Use a material that does not absorb water, such as polyethylene. ② Use something 3 to 4 mm thicker than the joint width. ③ Please be careful when using damaged backup material as foaming may occur. 3. Masking work ① Attach masking tape to both sides of the joint to prevent contamination or damage around the construction area. ② Use masking tape only for the work done on the same day. 4. Primer treatment ① Before applying the product, be sure to conduct an adhesion test to check the adhesion to the surface to be adhered before applying. ② To ensure adhesion between the surface to be applied and the sealant, apply the primer evenly with a brush. 5. Sealant filling ① After applying the primer, the sealant should be filled as soon as possible after the specified drying time has elapsed. ② Filling must begin from the intersection or edge of the joint and sufficiently fill every nook and cranny to avoid creating any gaps or air bubbles. 6. Surface finishing work (TOOLING) ① Carry out immediately after caulking is completed (before the sealant hardens). ② At intersections and corners, push with a spatula several times.

	7. Remove masking tape Remove masking tape immediately after tooling work is completed, and ensure that the area around removal is clean and uniform. 8. Cleaning When cleaning the surrounding area after completing work, be careful not to affect the adherend and sealant. 9. Curing During curing, protect from dust or other contamination. Avoid contact and be careful not to move until it is completely cured.
Handling precautions	1. Keep out of reach of children, and be careful not to ingest it or allow it to come in contact with the skin. 2. Do not store or work near fire. 3. Any use other than the intended purpose is absolutely prohibited. 4. Avoid working on rainy days, days with high humidity (over 80%), and days with low temperatures (below 41°F). 5. Do not use if the temperature of the adherend is above 122°F or below 41°F 6. Ensure that the adhesive surface between the sealant and the adhered surface is at least 6mm. 7. The curing speed of this product may vary depending on temperature, humidity, and amount of product applied. 8. Be sure to adhere to the designated drying time before proceeding with subsequent work. (7 days or more under conditions of 77°F 50RH%) 9. Cracks may occur when there is movement. 10. Use the product after testing the adhesion performance with the adhered surface. 11. Be careful as damaged backing material may cause bubbles to form on the sealant surface. 12. If the adhesive material, such as a panel, moves before the sealant hardens, swelling phenomenon may occur. 13. Avoid using in areas where there is a large daily temperature difference or where there is direct sunlight. 14. Swelling phenomenon can be minimized depending on site design or environmental conditions, but cannot be completely prevented. 15. Wash exposed skin thoroughly after work.
Warranty information	Please read carefully. Products produced by Xproseal have a quality guarantee when used within the expiration date. If the purpose, restrictions, construction method, and precautions in this product data sheet are not followed, quality cannot be guaranteed, so please be sure to

	familiarize yourself with the product information to ensure safe and efficient use of our product.
Issued date	2025, Jun. 10.

※ For other inquiries and usage instructions, please contact our customer service center.

TEL. +1 214 753 4423